

## EAST Search History

| Ref # | Hits    | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|---------|--|--|------------------|---------|------------------|
| L1    | 17      | (antenna\$1 same (measur\$4 measurement\$1 sens\$4 detect\$4 monitor\$4) same azimuth\$4 same (elevat\$4 inclin\$4 tilt\$3) same (angle\$1 angular\$1) same telemetr\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/01/03 09:52 |
| L2    | 1435    | (antenna\$1 same (measur\$4 measurement\$1 sens\$4 detect\$4 monitor\$4) same azimuth\$4 same (elevat\$4 inclin\$4 tilt\$3) same (angle\$1 angular\$1) same signal\$1)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/01/03 09:53 |
| L3    | 12      | (antenna\$1 same (measur\$4 measurement\$1 sens\$4 detect\$4 monitor\$4) same azimuth\$4 same (elevat\$4 inclin\$4 tilt\$3) same (angle\$1 angular\$1) same signal\$1 same (sonde\$1 radiosonde\$1 (radio adj1 sonde\$1))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/01/03 09:54 |
| L4    | 10      | ("4754283"   "5010343"   "5053784"   "5107261"   "5173690"   "5317315"   "5347285"   "5379224"   "5420592"   "6081221").<br>PN.  | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2008/01/03 10:29 |
| L5    | 5472    | (radiosonde\$1 sonde\$1 (transmit\$4 and ((sens\$4 detect\$4 monitor\$4) near1 weather\$1)))   | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2008/01/03 10:34 |
| L6    | 5535    | (radiosonde\$1 sonde\$1 (balloon adj1 borne\$1) (transmit\$4 and ((sens\$4 detect\$4 monitor\$4) near1 weather\$1)))   | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2008/01/03 10:35 |
| L7    | 72      | 6 and antenna\$1 and ((azimuth\$3 elevat\$4) near5 angle\$1) and telemetr\$4   | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2008/01/03 10:39 |
| L8    | 279     | 6 and antenna\$1 and ((azimuth\$3 elevat\$4) near5 angle\$1)   | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2008/01/03 10:39 |
| L9    | 191     | 8 and (rotat\$4 rotar\$4 rotatable\$2)   | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2008/01/03 12:32 |
| S2    | 4357071 | (radiosonde\$1 (radio adj1 sonde\$1) sonde\$1 transmit\$4 transmis\$4 transceiv\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/01/03 09:43 |
| S3    | 162244  | ((group\$3 array\$1 plural\$4 multi\$4) near5 (antenna\$1 radiat\$4))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/12/31 14:50 |
| S4    | 269194  | ((measur\$4 sens\$4 detect\$4 monitor\$4) near5 angle\$1)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/12/31 17:08 |

## EAST Search History

|     |      |  |  |    |    |                  |
|-----|------|--|--|----|----|------------------|
| S5  | 9007 | S2 and S3 and S4                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/31 14:52 |
| S6  | 1407 | 343/757,758,759,763,765.ccls.                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/31 14:53 |
| S8  | 75   | S5 AND S6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/31 14:54 |
| S9  | 59   | S8 and phase\$1                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/31 14:54 |
| S10 | 2440 | S3 same S4                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/31 15:08 |
| S11 | 25   | S10 and S6                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/31 15:09 |
| S12 | 355  | S6 and ((elevat\$4 azimuth\$4) near\$5 angle\$1) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/31 15:18 |
| S13 | 152  | S12 and phase\$1                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/31 15:30 |
| S14 | 65   | S13 and @ad<"20021216"                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/31 15:35 |

## EAST Search History

|     |       |  |  |    |    |                  |
|-----|-------|--|--|----|----|------------------|
| S15 | 557   | S6 and @ad<"20021216"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/31 15:57 |
| S16 | 35861 | "343"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/31 15:57 |
| S17 | 648   | S5 and S16   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/31 15:57 |
| S18 | 383   | S17 and @ad<"20021216"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/31 16:47 |
| S19 | 81796 | ((array group\$3 plural\$4 multi\$4 plural\$4) near5 antenna\$1)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/31 16:59 |
| S20 | 3299  | measur\$4 near5 ((azimuth\$4 elevat\$4) near3 angle\$1)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/31 17:00 |
| S21 | 471   | S19 and S20  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/31 17:00 |
| S23 | 8     | S21 and (rdiosonde\$1 sonde\$1 (radio adj1 sonde\$1))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/31 17:10 |
| S24 | 20786 | ((measur\$4 sens\$4 detect\$4 monitor\$4) near10 (tilt\$4 elevat\$4 azimuth\$4) near10 angle\$1) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/31 17:08 |

## EAST Search History

|     |      |   |  |    |    |                  |
|-----|------|---|--|----|----|------------------|
| S25 | 13   | S19 and S24 and (rdiosonde\$1 sonde\$1 (radio adj1 sonde\$1))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/31 17:10 |
| S26 | 1145 | antenna\$1 same measur\$4 same ((elevat\$4 tilt\$4 azamuth\$4) near3 angle\$1)                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/01 15:16 |
| S27 | 194  | (array near3 antenna\$1) same measur\$4 same ((elevat\$4 tilt\$4 azamuth\$4) near3 angle\$1)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/01 15:21 |
| S28 | 5    | S27 and (radiosonde\$1 sonde\$1 (radio adj1 sonde\$1))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/01 15:31 |
| S29 | 6226 | (radiosonde\$1 sonde\$1 (radio adj1 sonde\$1))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/01 15:37 |
| S30 | 21   | S29 and ((array\$1 group\$3) near3 antenna\$1) and ((azimuth\$4 elevat\$4 tilt\$1) near3 angle\$1) and phase\$1 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/01 15:39 |